



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76615

Hiroshi SUMI, et al.

Appln. No.: 10/620,361

Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: July 17, 2003

For: COPPER PASTE AND WIRING BOARD USING THE SAME

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT

Q76615

U.S. Appln. No.: 10/620,361

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

1. U.S. Patent 4,816,615 and U.S. Patent 4,880,567 correspond to JP 1-128488.
2. U.S. Patent 5,336,444 and U.S. Patent 5,468,445 correspond to JP 6-56545.
3. The attached translation of Claim 1 constitutes a concise statement of relevance for JP 63-174203.
4. The attached English language abstracts constitute concise statements of relevance for JP 55-128899; JP 1-128488; JP 5-81922; JP 5-243700; JP 6-56545; JP 8-148783; JP 10-95686; JP 11-284296 and JP 2578273.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: September 3, 2003

Substitution for Form 1449 A & B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application Number	10/620,361
Sheet 1 of 1				Confirmation Number	Not Yet Assigned
				Filing Date	July 17, 2003
				First Named Inventor	Hiroshi SUMI
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	Q76615

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,234,367		11-18-1980	Herron et al.
		US 4,816,615		03-28-1989	Prabhu et al.
		US 4,880,567		11-14-1989	Prabhu et al.
		US 5,336,444		08-09-1994	Casey et al.
		US 5,468,445		11-21-1995	Casey et al.
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	55-128899		10-06-1980	IBM CORP.	Abstract
		JP	63-174203		07-18-1988		Claim 1
		JP	1-128488		05-22-1989	GENERAL ELECTRIC CO.	Abstract
		JP	5-81922		04-02-1993	ASAHI GLASS CO LTD.	Abstract
		JP	5-243700		09-21-1993	FUJITSU LTD.	Abstract
		JP	6-56545		03-01-1994	INT BUSINESS MACHINES CORP	Abstract
		JP	8-148783		06-07-1996	KYOCERA CORP.	Abstract
		JP	10-95686		04-14-1998	KYOCERA CORP.	Abstract
		JP	11-284296		10-15-1999	KYOCERA CORP.	Abstract
		JP	2578273		11-07-1996	DAIICHI KOGYO SEIYAKU CO LTD.	Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.